

Lockheed Martin's team members include GenCorp Aerojet and Lockheed Martin Federal Systems to provide satellite control, mission data processing, telemetry/tracking and operations. GenCorp Aerojet and Northrop Grumman will provide the GEO and HEO infrared sensor payloads and Honeywell will provide common computing resources for the spacecraft and payload. The EMD contract value is \$1.8 Billion and the estimated life cycle cost through the year 2020 is \$10 Billion.

-- Schedule --

The SBIRS consolidated ground segment will be fielded in three increments.

The motto for Increment 1 is "on line in '99" which calls for DSP ground operations to transition to the new SBIRS mission control facility in FY1999.

Before 2002, the second increment of the SBIRS ground operations will occur to accommodate the launching of the first GEO and HEO satellites.

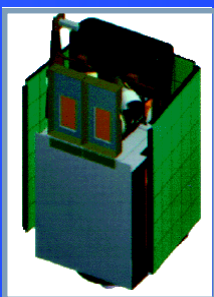
The final SBIRS ground increment will occur before 2004 to support the deployment of the SBIRS Low constellation.



The SBIRS High program offers flexibility and affordability while satisfying jointly defined requirements. Use of existing facilities and commercial products will significantly reduces the system's life cycle cost.

Commercially Derived Bus

A2100M Bus



Sensor HEO/GEO

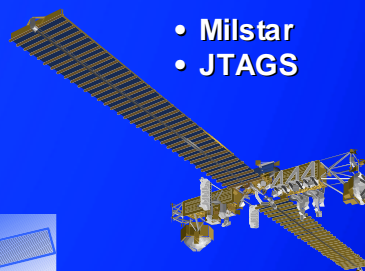
Commonality

GEO Scanner/Starer
and HEO Sensor
Commonality (91%)



Interoperability

- Milstar
- JTACS



Effective Use of Commercial Off-the-Shelf Items



- A2100 Reusable Software
- Ground Hardware
- Silicon Graphics

